15

37

providing a value of the variable to the statement when the statement is executed.

33. The computer apparatus recited in claim 27, in which the memory further comprises instructions that cause the processor to execute the steps of:

selecting the field value of the virtual world;

defining the statement to generate a custom node associated with the field value when the statement is executed; and

storing the statement in association with the field value. 34. The computer apparatus recited in claim 33, wherein the step of storing a statement includes the step of:

defining a PL/SQL procedure configured to generate the custom node; and

wherein the step of storing the statement includes the step of storing a PL/SQL function call corresponding to the PL/SQL procedure in association with the field value.

35. The computer apparatus recited in claim 27, in which the memory further comprises instructions that cause the 20 the memory further comprises instructions that cause the processor to execute the steps of:

selecting the field value;

storing information that identifies a second virtual world in association with the field value.

36. The computer apparatus recited in claim **27**, in which ²⁵ the memory further comprises instructions that cause the processor to execute the steps of:

reading a second node from the second virtual world; and

38

storing a second node description of the second node in association with the field value.

37. The computer apparatus recited in claim 36, in which the memory further comprises instructions that cause the processor to execute the steps of:

reading a Virtual Reality Modeling Language (VRML) definition of the second node from a source code file;

converting the VRML definition into the second node description.

38. The computer apparatus recited in claim 27, wherein the step of storing a statement comprises the steps of:

selecting the node, the field value, and an element of the field value;

defining the statement to yield the data value for the field value when the statement is executed; and

storing the statement in association with the element.

39. The computer apparatus recited in claim 38, in which processor to execute the steps of:

defining a variable parameter in association with the statement; and

at the client, supplying a variable value to the variable parameter when the second source definition is delivered to the client.